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Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 10136 Roll No.

B. Arch. Examination 2021-22

(Even Semester)

WORKING DRAWING

Time : Three Hours] *[Maximum Marks : 60*

Note :– (i) Be precise in your answer/drawings.

(ii) All the drawings and details should be properly drafted and dimensioned in (mm.)

(iii) Assume any missing data/text wherever not provided.

(iv) All the dimensions are in (mm).

SECTION – A

1. Attempt all parts of the following : $8 \times 1 = 8$

(a) Explain different typesof dimensions used during working drawing.

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(b) What is working drawing?

(c) What is the difference between key plan and terrace plan?

(d) What is the basic purpose of center-line plan in working drawing?

(e) What is French plan/excavation drawing?

(f) What is floor trap?

(g) What is the purpose of tie-beam plan in working drawing?

(h) What is cistem?

SECTION – B

2. Attempt any three parts of the following : $4 \times 3 = 12$

(a) Draw the toilet detail of size (1800 × 2400).

(b) Detail out electric conduit plan of terrace size (3000 × 4500).

(c) Draw the plumbing layout plan of plot (residency) (9000 × 18000).

(d) Draw the kitchen detail of size (3000 × 3600).

SECTION – C

Note :– Attempt any two questions. 2×20=40

3. Detail out the complete set of working drawing of floor plans (ground, first & terrace plan) of the residence of size (12000 × 15000).

4. Draw the parapet / railing detail of roof size (8000 × 12000) with all the necessary fixing detail and specifications.

5. Draw the stairease detail of the above mentioned residence plan (12000 × 15000) with railing and fixing details.

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